Baggage handling at Amsterdam Airport Schiphol
Implementing new technologies

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Amsterdam Airport Schiphol: Europe’s Preferred Airport
Amsterdam Airport Schiphol

- 317 direct destinations
- 51 million passengers
- 1.5 million tonnes cargo
- 290,000 jobs in the region, 64,000 jobs location Schiphol
Baggage handling

150,000 bags per dag
41.5% transfer baggage
16 soccer fields of baggage systems
Targets 70 MB Plan

- Expand Capacity
- Improve quality
- Cut costs
- Improve working conditions
- Boost staff productivity
- Create a more robust system
70MB projects: Total investment about € 800 million
Baggage make-up: From Push to Pull

- More capacity by peak shaving: Less make-up positions
- Efficient mechanisation possible, constant loading

Space needed for temporary storage of baggage (buffer under ramp) and storage after loading for load units
Robot loads bags from storage
Innovation: Automatic unload of load units
70MB Innovation: IBHA program

Tilt

Transport

Load

Ready to operate
Self service baggage drop off
IBHA = Innovative Bagagge Handling Area

- Innovation through pilot projects with small innovative companies
- Results on pilot project converted to functional specifications
- Pilots resulted in proven technology
- Innovative company as a subcontractor in the big projects
Clear for take off
The moment of truth
Handling with care
Innovatie verlicht het zware bagagewerk
Schiphol
Amsterdam Airport
Appendix
Europe's Preferred Airport

Baggage mission: Reliable & hassle-free baggage handling at Amsterdam Airport Schiphol

System Attributable IR-rate: 0.5

70MB:
Most modern baggage handling system
Final stage: Backbone interconnecting all baggage handling areas

Continuous service improvement in automated baggage handling
Leveraging the expertise of the entire organization
CR - Planet People Profit

- Less energy
- Improve working conditions
- Cut (sector) cost per bag